Performance Data Sheet

HGA9468ZXD

General Information

Model	HGA9468ZXD	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	230V ~ 60HZ
Return Gas	4.4°C (40°F) RETURN GAS	**Motor Type**	CSR

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	**90**	**100**	**110**	**120**	**130**	**140**
0	Btu/h	6770	6190	5610	5030	4440	3860	3270
	Watts	769	826	884	942	1000	1060	1120
	Amps	3.88	4.11	4.33	4.56	4.79	5.01	5.24
	Lb/h	116	112	109	106	103	99.8	96.6
5	Btu/h	7610	6960	6300	5650	4990	4330	3670
	Watts	777	840	902	965	1030	1090	1150
	Amps	3.90	4.15	4.40	4.65	4.90	5.15	5.40
	Lb/h	131	127	124	120	117	113	109
10	Btu/h	8460	7730	7010	6280	5550	4820	4080
	Watts	786	853	920	987	1050	1120	1190
	Amps	3.92	4.19	4.46	4.74	5.01	5.28	5.56
	Lb/h	146	142	139	135	131	127	123
15	Btu/h	9320	8520	7720	6920	6120	5320	4510
	Watts	795	866	938	1010	1080	1150	1230
	Amps	3.93	4.22	4.52	4.81	5.11	5.41	5.70
	Lb/h	162	158	154	150	146	141	137
20	Btu/h	10200	9320	8450	7580	6700	5820	4940
	Watts	804	880	957	1030	1110	1190	1260
	Amps	3.92	4.24	4.56	4.88	5.20	5.52	5.84
	Lb/h	179	174	170	165	161	156	151
25	Btu/h	11100	10100	9180	8230	7280	6330	5380
	Watts	814	895	976	1060	1140	1220	1300
	Amps	3.91	4.25	4.59	4.93	5.28	5.62	5.97
	Lb/h	195	191	186	181	176	171	166
30	Btu/h	11900	10900	9900	8880	7860	6840	5820
	Watts	826	912	997	1080	1170	1260	1340
	Amps	3.87	4.24	4.60	4.97	5.34	5.71	6.08
	Lb/h	212	207	202	197	192	186	181

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.139448E+04	3.095899E+02	2.074362E+00	1.397543E+02
C2	2.830511E+02	-5.742805E+00	-3.144054E-02	3.517747E+00

C3	-5.796475E+01	5.757381E+00	2.262077E-02	-3.065707E-01
C4	3.404641E-01	-1.307522E-02	-1.068642E-04	1.339406E-02
C5	-1.467620E+00	9.497019E-02	4.534696E-04	-7.380895E-03
C6	5.589788E-03	-6.681767E-04	-1.065510E-06	1.259763E-04
C7	-4.650892E-03	5.913157E-04	-3.333854E-06	-1.333453E-04
C8	9.907172E-05	-1.603546E-05	3.862403E-07	4.900670E-06
C9	4.945161E-05	-6.113622E-06	2.047429E-08	1.321006E-06
C10	-4.393177E-05	5.268394E-06	6.917314E-09	-9.995367E-07

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature

Performance Data Sheet

HGA9468ZXD

General Information

Model	HGA9468ZXD	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	230V ~ 60HZ
Return Gas	18.3°C (65°F) RETURN GAS	**Motor Type**	CSR

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	**90**	**100**	**110**	**120**	**130**	**140**
20	Btu/h	10800	9860	8960	8070	7170	6290	5400
	Watts	792	871	949	1030	1110	1190	1260
	Amps	3.92	4.24	4.55	4.87	5.18	5.49	5.80
	Lb/h	166	162	158	154	151	147	144
25	Btu/h	11900	10900	9910	8920	7940	6960	5980
	Watts	792	877	961	1050	1130	1210	1300
	Amps	3.93	4.27	4.61	4.95	5.28	5.62	5.95
	Lb/h	185	181	177	173	169	165	161
30	Btu/h	13100	12000	10900	9830	8750	7680	6610
	Watts	789	880	971	1060	1150	1240	1330
	Amps	3.92	4.29	4.65	5.01	5.38	5.74	6.10
	Lb/h	206	202	197	192	188	184	180
35	Btu/h	14400	13200	12000	10800	9630	8460	7300
	Watts	784	880	977	1070	1170	1270	1360
	Amps	3.90	4.29	4.68	5.07	5.46	5.84	6.23
	Lb/h	229	224	219	214	209	205	200
40	Btu/h	15700	14400	13100	11900	10600	9310	8050
	Watts	775	878	981	1080	1190	1290	1390
	Amps	3.85	4.27	4.69	5.11	5.52	5.93	6.34
	Lb/h	254	249	243	238	232	227	222
45	Btu/h	17100	15700	14400	13000	11600	10200	8870
	Watts	762	872	981	1090	1200	1310	1420
	Amps	3.80	4.24	4.69	5.13	5.57	6.01	6.45
	Lb/h	282	275	269	263	257	252	246
50	Btu/h	18600	17100	15700	14200	12700	11200	9760
	Watts	746	862	977	1090	1210	1320	1440
	Amps	3.71	4.19	4.66	5.13	5.60	6.07	6.53
	Lb/h	311	304	298	291	284	278	272

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.119747E+04	3.191689E+02	1.981331E+00	1.263391E+02
C2	3.205144E+02	-7.044639E+00	-2.704343E-02	2.937892E+00

C3	-5.545462E+01	5.635727E+00	2.295385E-02	-2.818477E-01
C4	1.067189E+00	-4.501274E-02	-1.700681E-04	3.083115E-02
C5	-1.759932E+00	1.130796E-01	4.423077E-04	-5.424612E-03
C6	-2.477161E-03	-3.000725E-04	3.035014E-07	-1.122870E-04
C7	7.148307E-03	-3.387349E-04	-2.825071E-06	1.532887E-04
C8	-3.928757E-03	1.890162E-04	1.522795E-06	-8.074878E-05
C9	3.547492E-04	-1.764835E-05	-1.302584E-07	6.492300E-06
C10	4.838554E-05	9.972405E-07	-1.356240E-08	1.479680E-06

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature